

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Sukhendu K Majumdar

GENERAL INFORMATION:

Name:	Federal-Mogul Corporation
Address:	2640 Old Gallatin Road, Scottsville, Kentucky 42164
Date application received:	December 3, 2004
SIC/Source description:	3714
EIS #:	21-003-00009
Application log number:	53540
Permit number:	F-04-041

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
<input type="checkbox"/> Administrative	<input type="checkbox"/> Title V
<input type="checkbox"/> Minor	<input checked="" type="checkbox"/> Synthetic minor
<input checked="" type="checkbox"/> Significant	<input type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input checked="" type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☐ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY BASED ON RENEWAL APPLICATION:

Pollutant	Actual (tpy)	Potential (tpy)
PM10	0.817	5.03
SO2	0.00252	0.11
NOx	0.420	17.37
CO	0.353	13.86
VOC	6.64	24.48
HAPS	2.51	HAP emissions are limited to 9 tpy on an individual basis, 9.5 for Phenol, and 22.5 tpy combined.

SOURCE PROCESS DESCRIPTION:

Federal-Mogul facility at Scottsville, KY submitted a renewal application that was received by the Division on December 3, 2004. This renewal application requires a significant revision to their existing permit, F-01-014. Federal-Mogul has asked that their federally enforceable permit continue to require particulate control. This keeps their potential to emit PM₁₀ under the major source threshold. Federal-Mogul has also requested that their federally enforceable limits to keep their potential to emit HAPs below major source levels continue to remain in effect.

Federal-Mogul currently manufactures brake cores and lining products for automobile industries.

F-04-041 CHANGES:

There are no new proposed significant emission units, but there were modifications to the existing units. The updated installation date or modification date, controls, and maximum rate of each significant emission unit was added to the descriptions in the subject item inventory section of the permit. The emission point numbers were adjusted. Allowables from 401 KAR 59:010 were adjusted. The compliance demonstration for the source wide HAP emission limitation in the source section of the permit was updated. The Source General Requirements were updated to reference the new general requirements. See permit F-04-041.

EMISSION AND OPERATING CAPS DESCRIPTION:*Particulate Control*

Federal-Mogul has asked that a federally enforceable permit be written that requires particulate control. Potential to emit PM₁₀ will be under the major source threshold.

HAPs

Federal-Mogul has also requested federally enforceable limits to keep their potential to emit HAPs below major source levels.